

FIG. 1

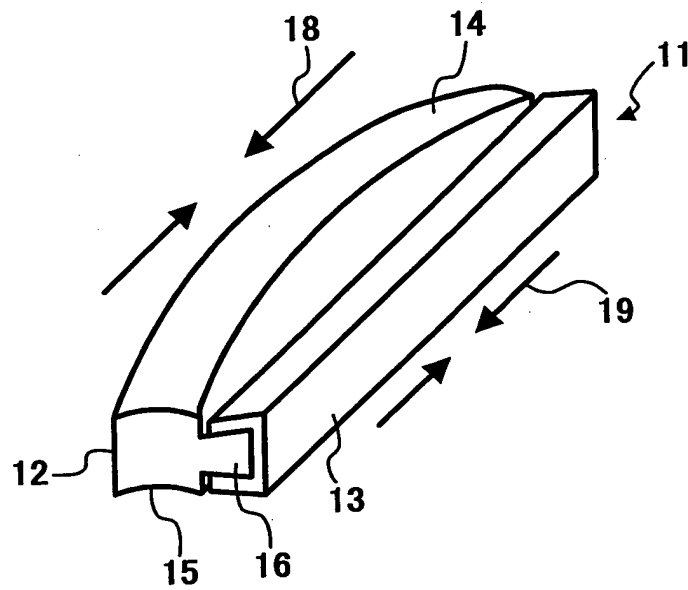


FIG. 2A

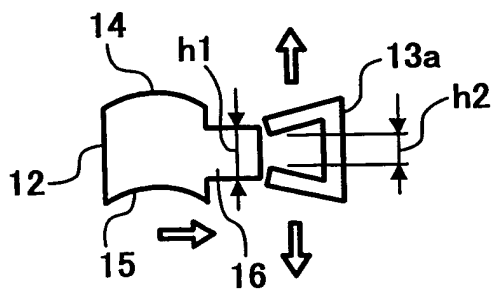


FIG. 2B

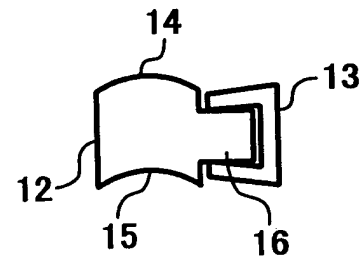


FIG. 3A

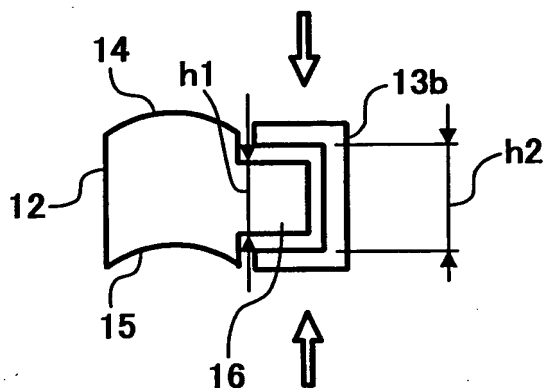


FIG. 3B

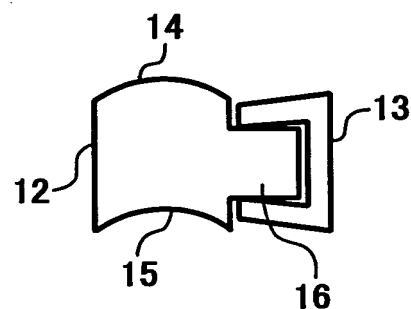


FIG. 4A

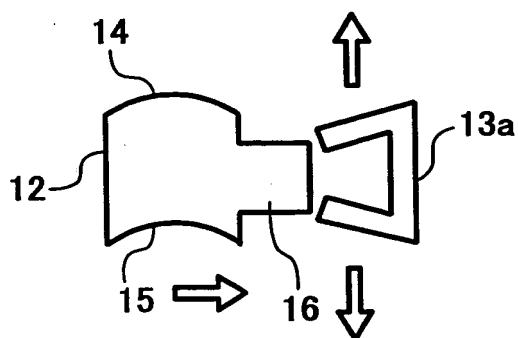


FIG. 4B

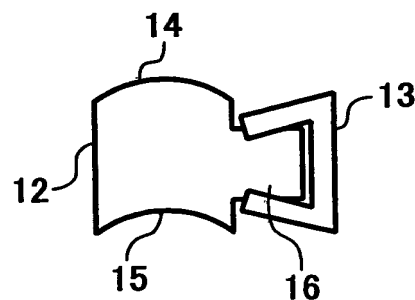


FIG. 5A

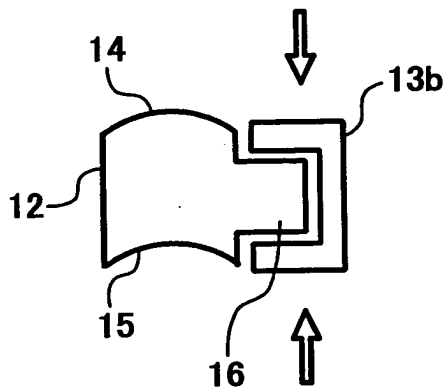


FIG. 5B

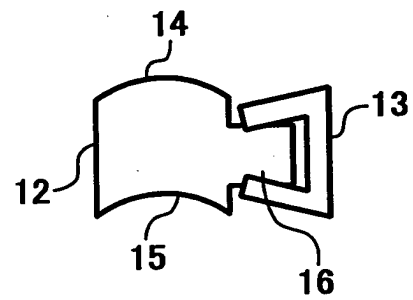


FIG. 6A

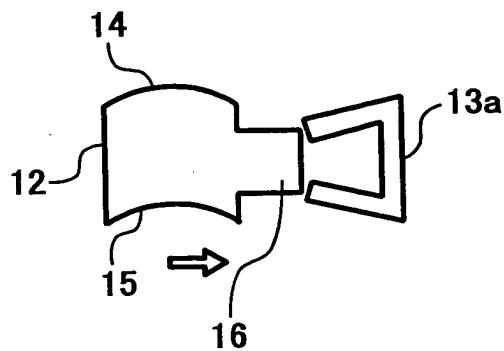


FIG. 6B

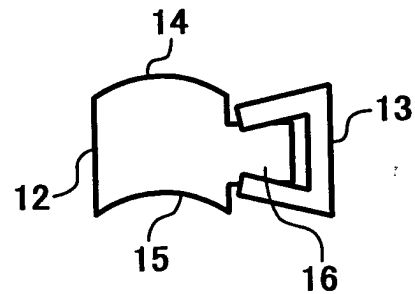


FIG. 7A

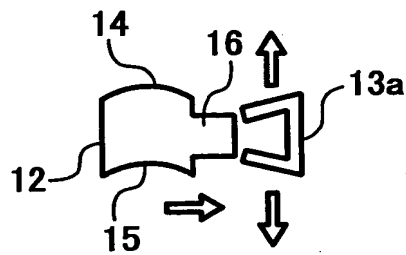


FIG. 7B

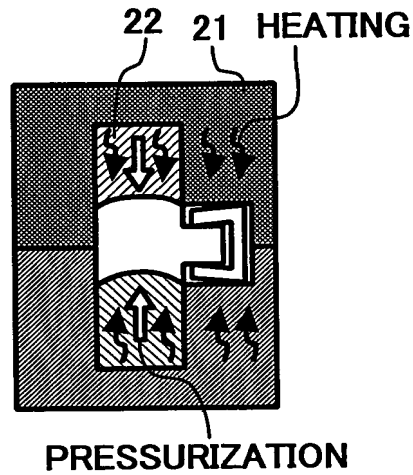


FIG. 7C

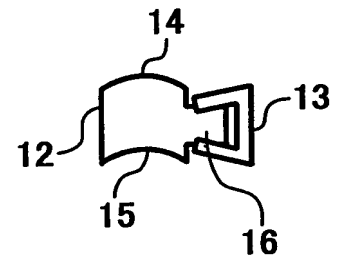


FIG. 8A

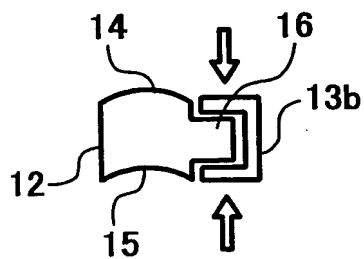


FIG. 8B

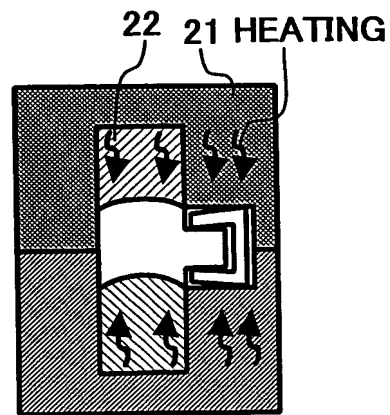


FIG. 8C

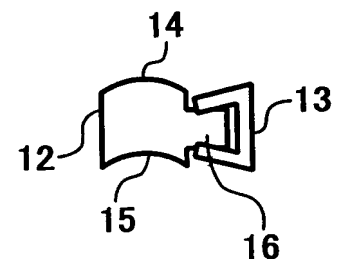


FIG. 9A

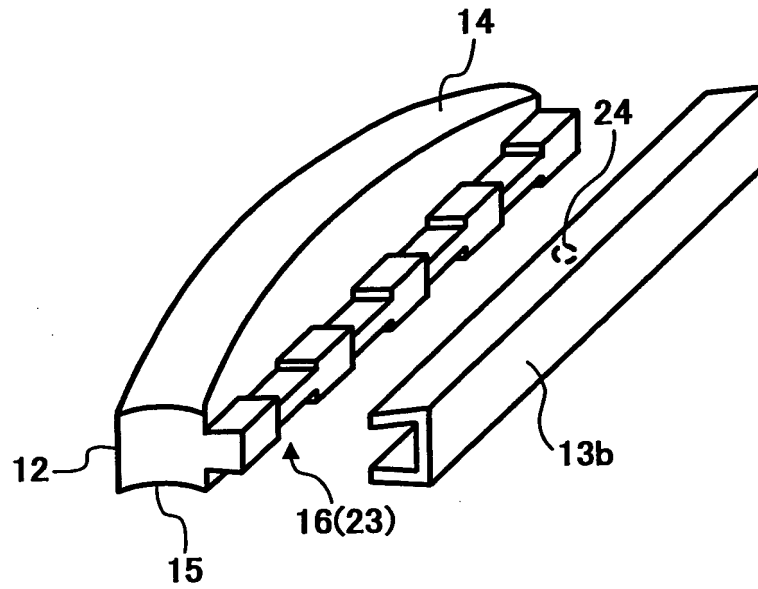


FIG. 9B

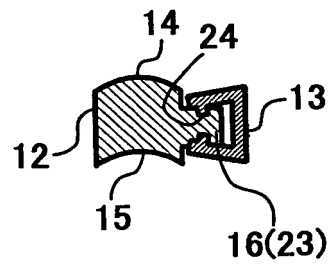


FIG. 10

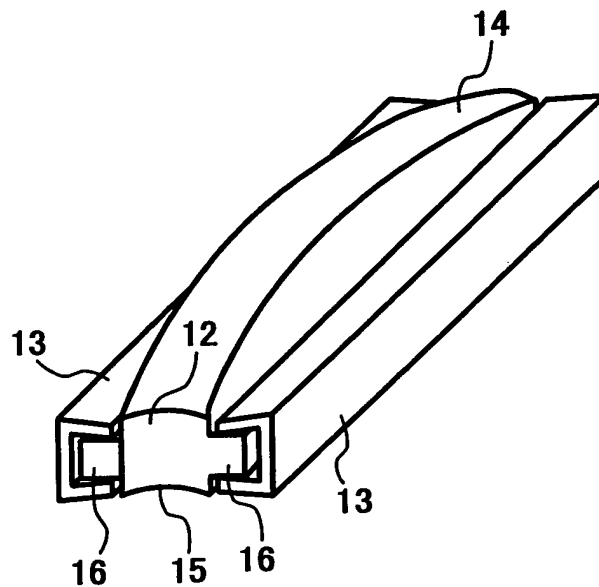


FIG. 11

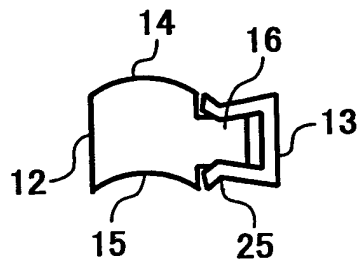


FIG. 12A

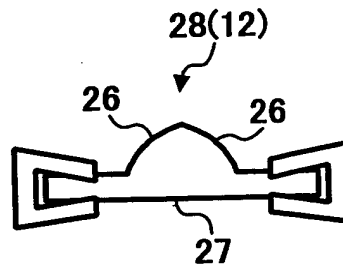


FIG. 12B

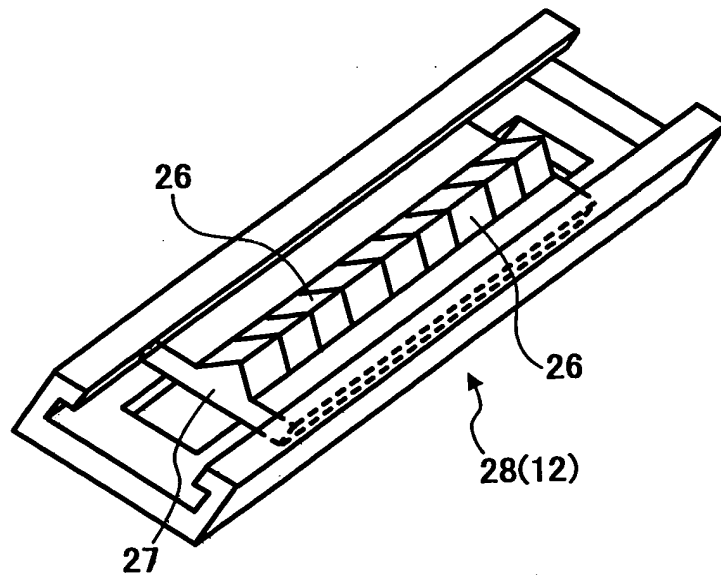


FIG. 13A

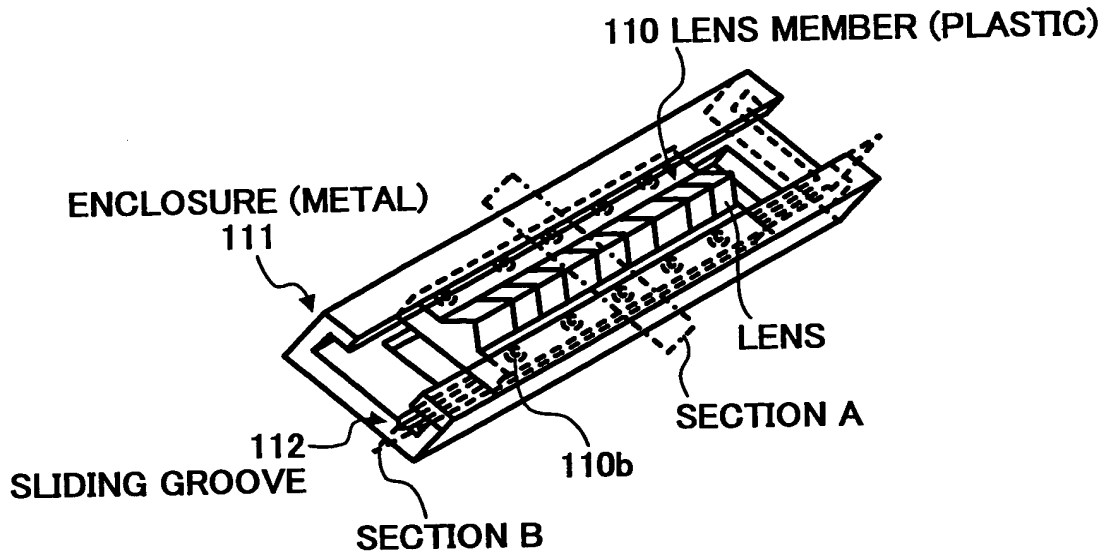


FIG. 13B

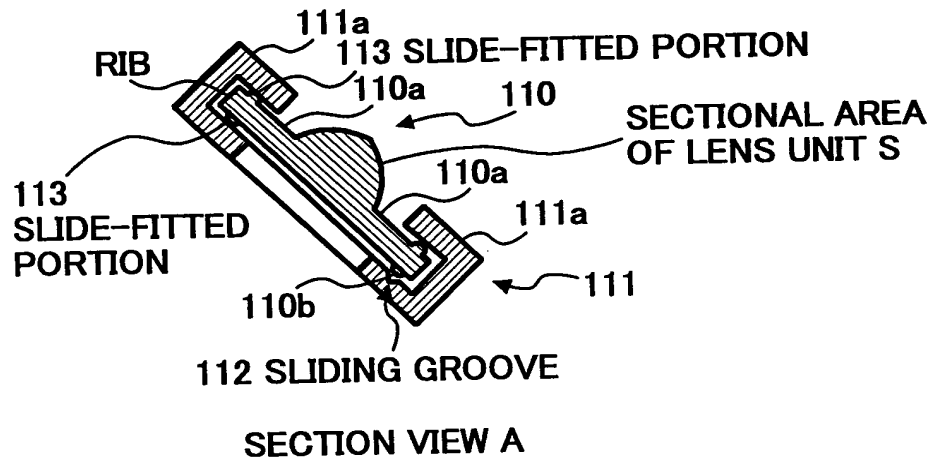


FIG. 13C

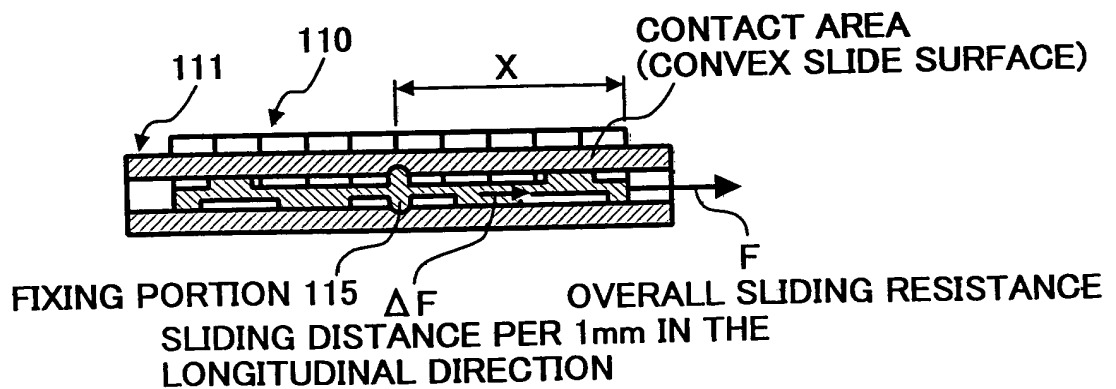
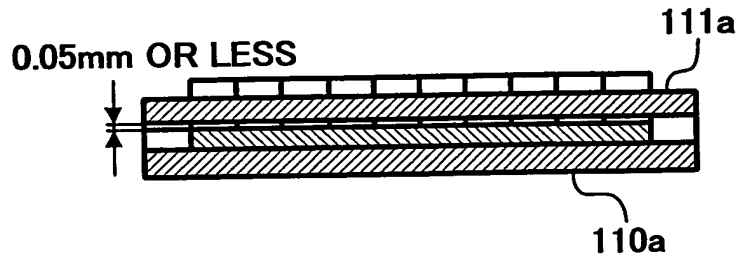


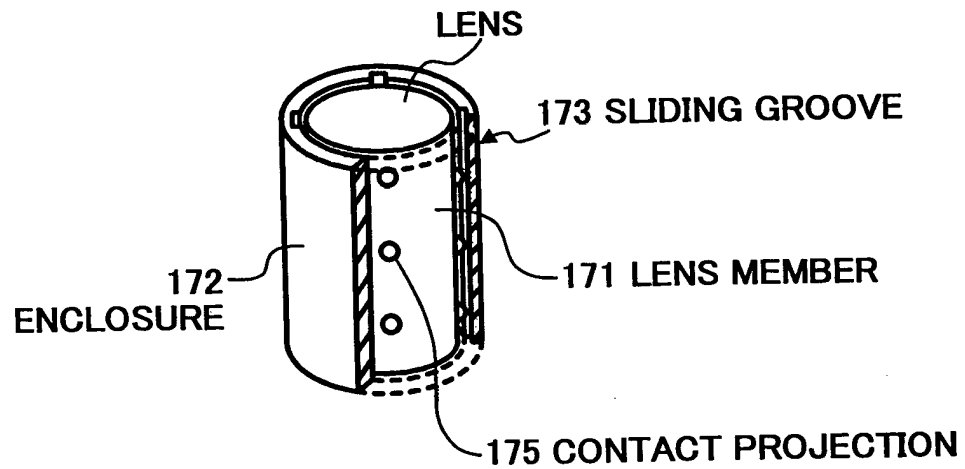


FIG. 14



CLEARANCE CONTROL

FIG. 15



EXAMPLE OF SINGLE LENS

FIG. 16

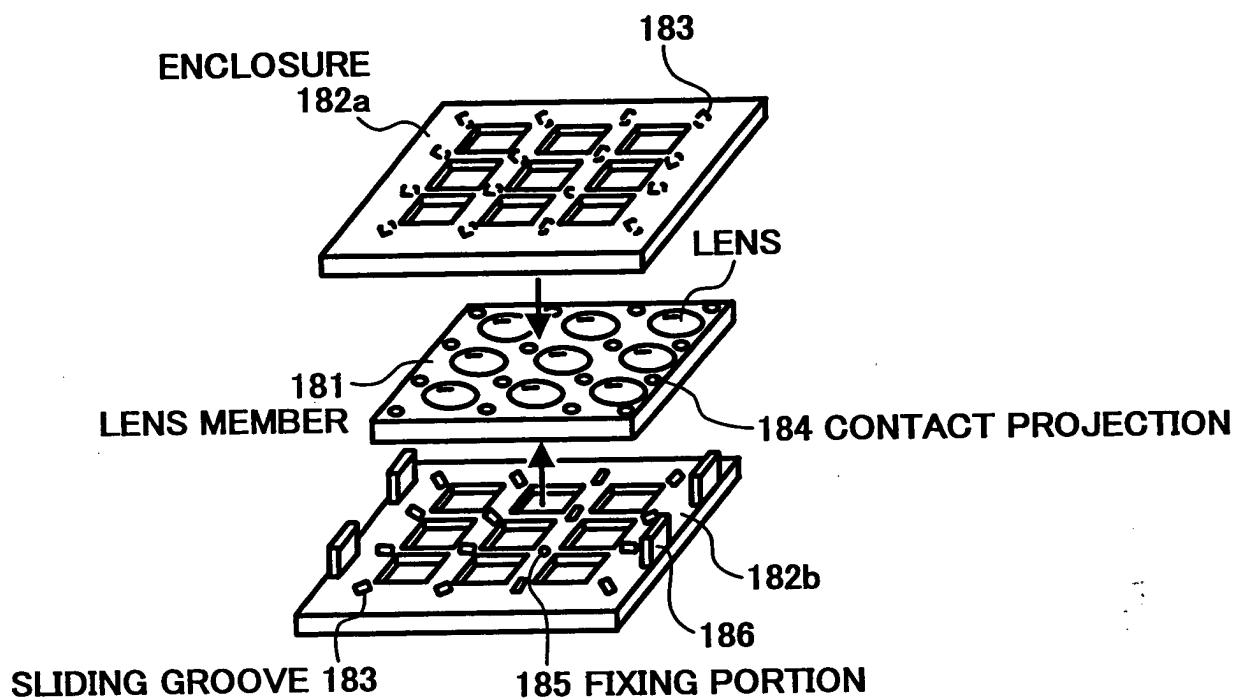


FIG. 17

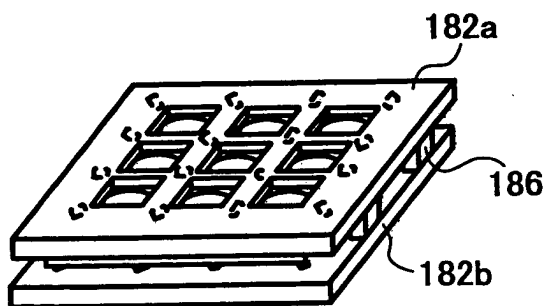


FIG. 18A

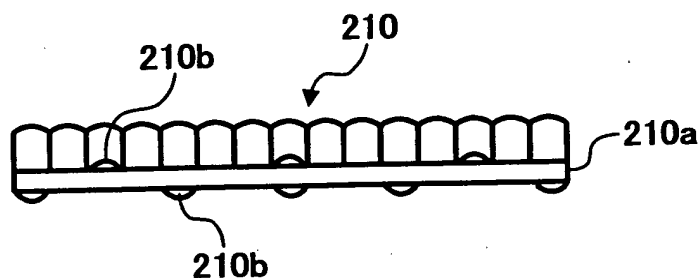


FIG. 18B

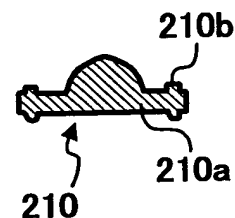


FIG. 18C

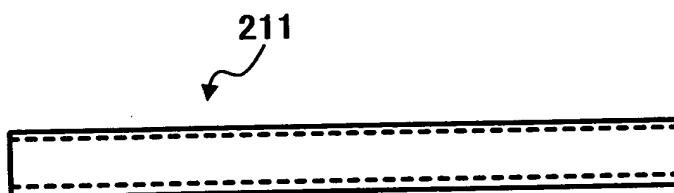


FIG. 18D

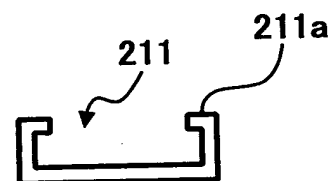
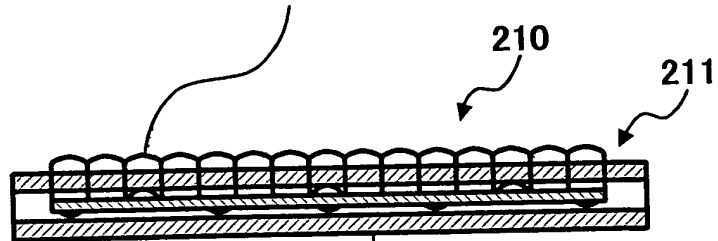


FIG. 18E

A HIGH DEGREE OF STRAIGHTNESS



A HIGH DEGREE OF STRAIGHTNESS

FIG. 18F

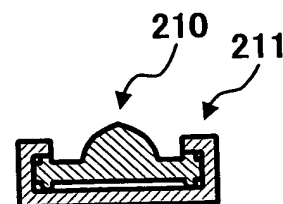


FIG. 19A

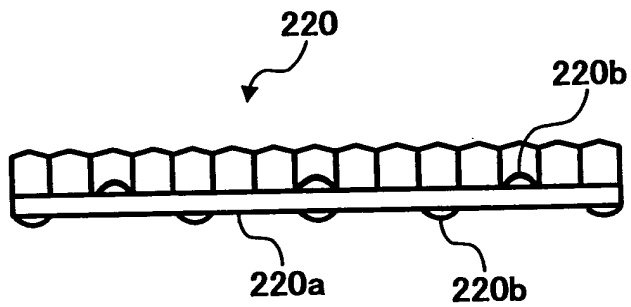


FIG. 19B

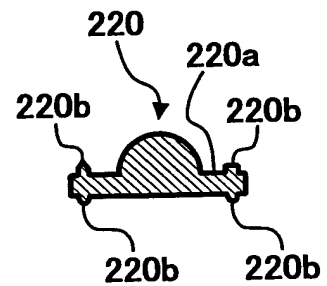


FIG. 19C

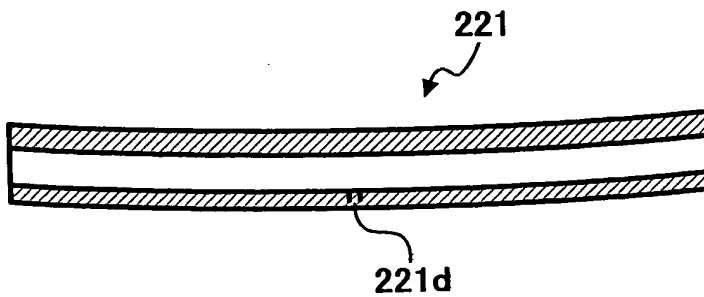


FIG. 19D

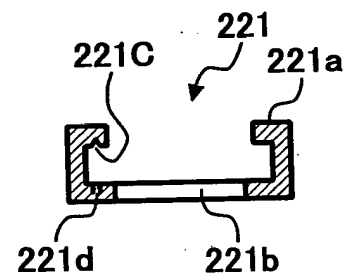


FIG. 20A

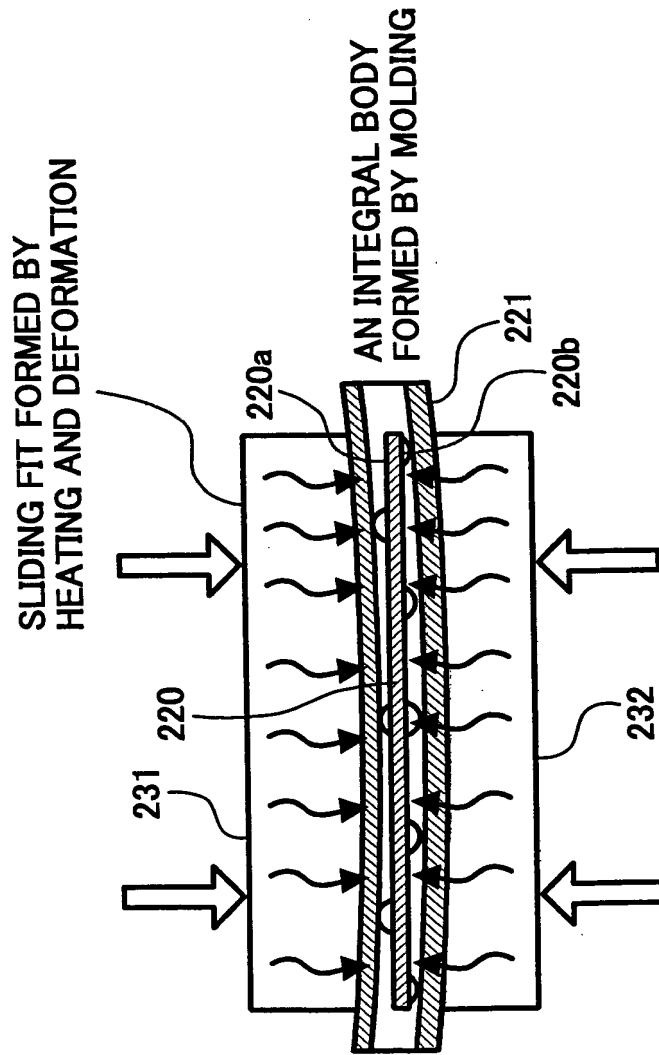


FIG. 20B

TRANSFER OF FUNCTIONAL SURFACE BY HEATING AND PRESSURE APPLICATION

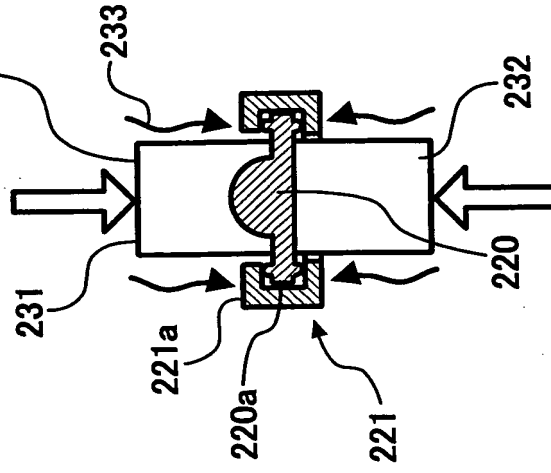


FIG. 21A

FIG. 21B

221C HORIZONTAL REFERENC  
(GROOVE)

COMPOSITE COMPONENT

A HIGH DEGREE OF STRAIGHTNESS

221

220

220b

220a

SLIDING FIT

221d

REFERENCE POSITION  
(FIXED)

A LOW DEGREE OF STRAIGHTNESS  
(NO CHANGE FROM THE LEVEL  
BEFORE MOLDING)

220

221

221d

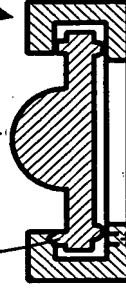


FIG. 22B

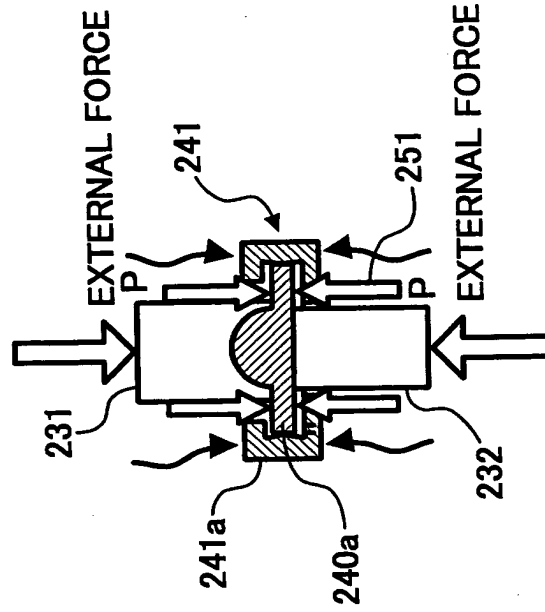
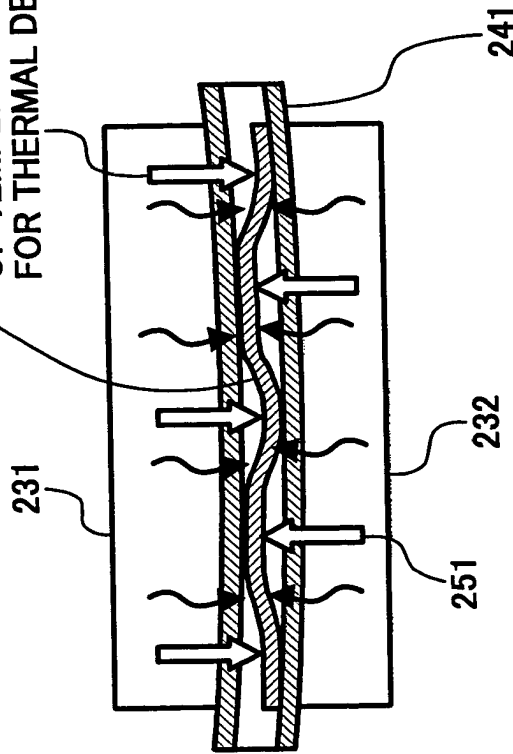


FIG. 22A

240a FORMATION OF SLIDING FIT  
 BY EXTERNAL DEFORMATION

HEATED UP TO AND IN EXCESS  
 OF TEMPERATURE  
 FOR THERMAL DEFORMATION



HOLDING MEMBER FOR A LOW DEGREE  
 OF STRAIGHTNESS (MOLDED PRODUCT MADE  
 OF GLASS FIBER-REINFORCED RESIN)

FIG. 23

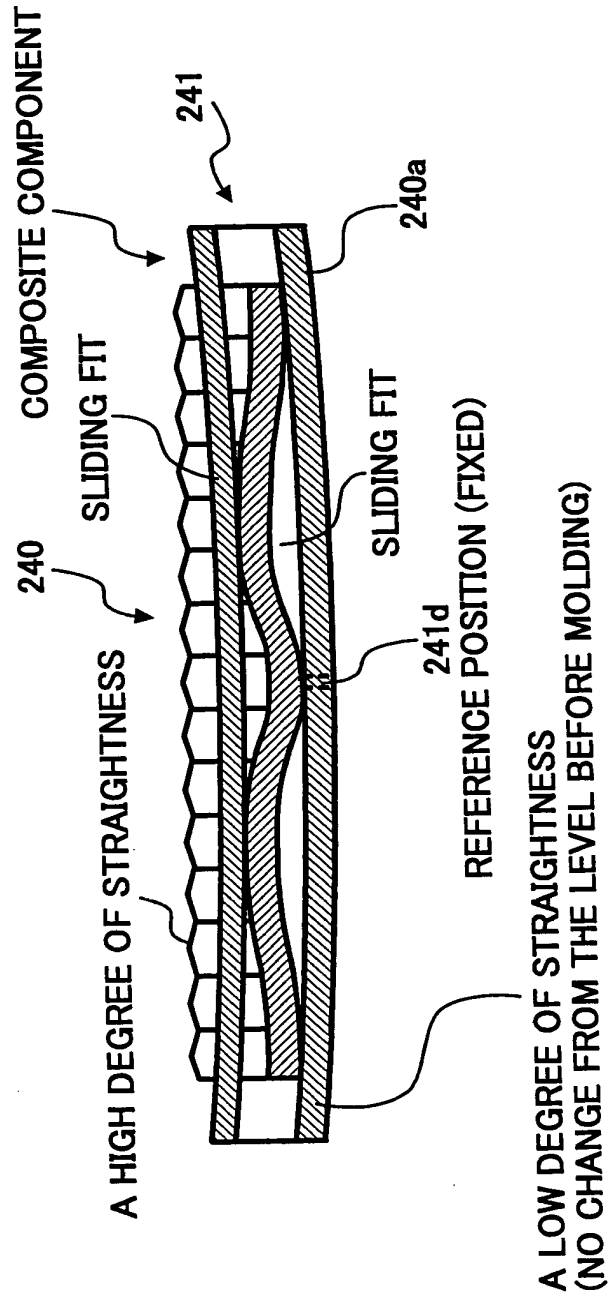
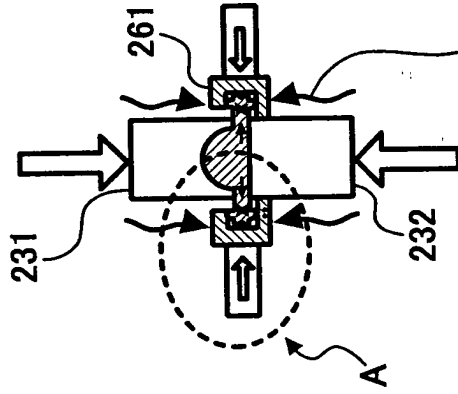




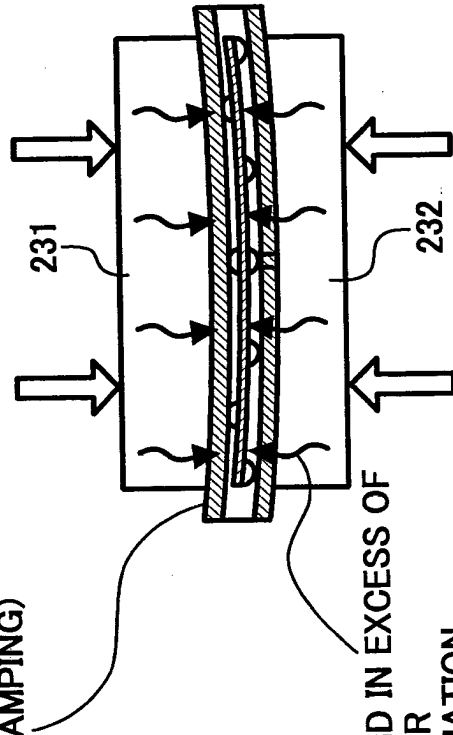
FIG. 24B



HEATED UP TO AND IN EXCESS OF  
 TEMPERATURE FOR  
 THERMAL DEFORMATION

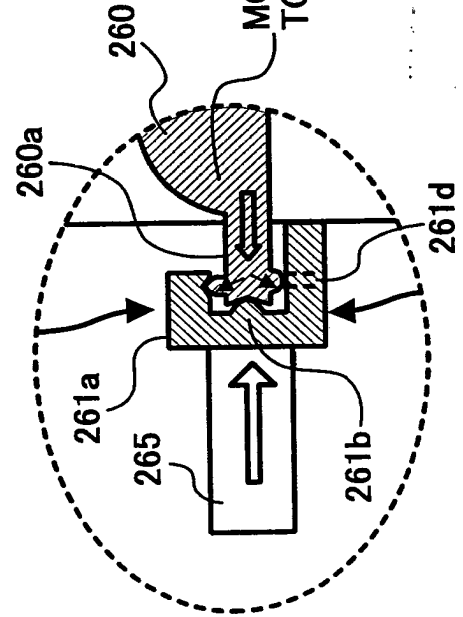
FIG. 24A

HOLDING MEMBER FOR A LOW DEGREE OF  
 STRAIGHTNESS (ALUMINA EXTRUSION PLUS  
 HOLE FORMED BY STAMPING)



HEATED UP TO AND IN EXCESS OF  
 TEMPERATURE FOR  
 THERMAL DEFORMATION

FIG. 24C



MOVEMENT OF RESIN BY APPLICATION OF PRESSURE  
 TO FUNCTION UNIT → CONTACT WITH HOLDING MEMBER

FIG. 25A

MOLDING MATERIAL  
 (INJECTION MOLDED PRODUCT HAVING  
 APPROXIMATELY THE FINAL SHAPE)

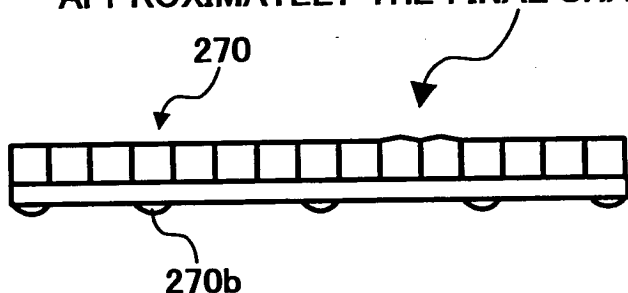


FIG. 25B

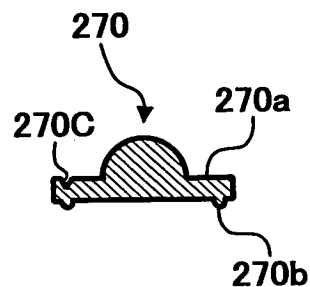
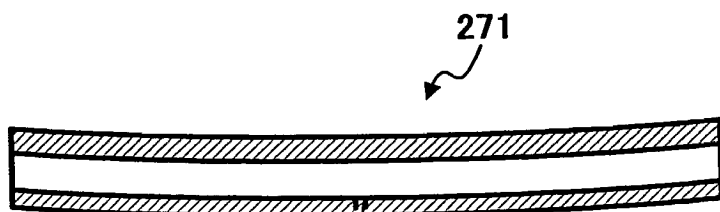


FIG. 25C



REFERENCE  
 POSITIONING HOLE

HOLDING MEMBER FOR  
 A LOW DEGREE OF STRAIGHTNESS  
 (SHEET METAL FORMED BY STAMPING)

FIG. 25D

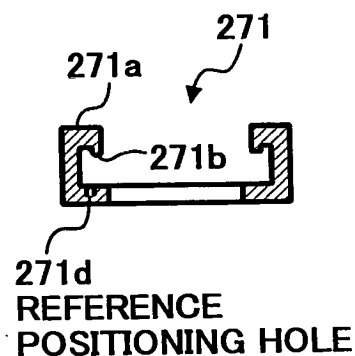


FIG. 26A

FORMATION OF SLIDING FIT BY EXTERNAL  
 DEFORMATION OF HOLDING MEMBER

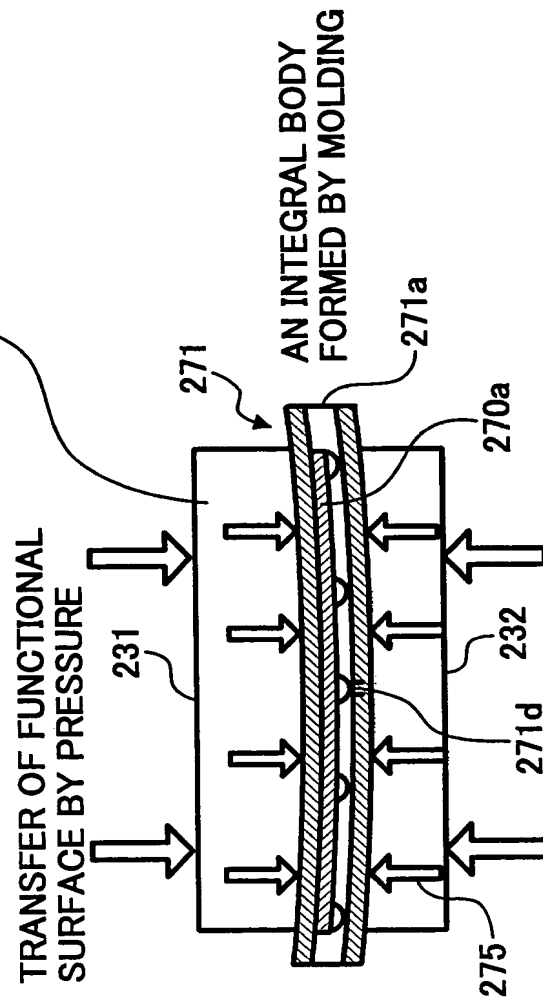


FIG. 26B

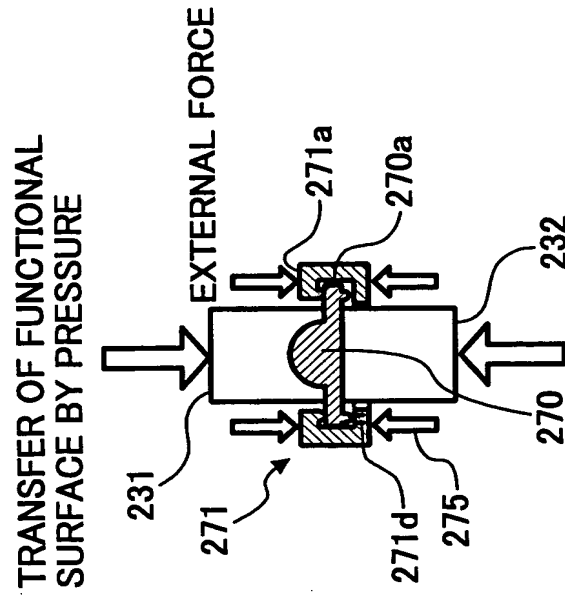


FIG. 27A

FIG. 27B

